

ABSTRACT OF THE DISCLOSURE**IBD-ASSOCIATED MICROBIAL NUCLEIC ACID MOLECULES**

The present invention provides nucleic acid and amino acid sequence of the novel I-1 and I-2 polypeptides, 5 which are associated with human inflammatory bowel disease (IBD). Methods of diagnosing and treating inflammatory bowel disease using the IBD-associated I-1 and I-2 antigens also are provided.

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